

Claims

What Is Claimed Is:

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1. ~~A method for updating data for a first processing entity, for detection by at least a second processing entity comprising the steps of:
detecting a need to update data for the first processing entity, based on a communication with the second processing entity;
automatically redirecting, communication from the first processing entity and the second processing entity, to the first processing entity and a third processing entity, under control of the second processing entity, in response to detecting the need to update data ; and
providing update complete data, under control of the third processing entity, for the second processing entity.~~
 2. The method of claim 1 including the step of providing updated data for the first processing entity, by the third processing entity.
 3. ~~The method of claim 1 including the step of providing update confirmation data from the first processing entity to the third processing entity.~~
 4. The method of claim 1 wherein the step of providing update complete data includes providing the update complete data for the second processing entity, by way of the first processing entity.
 5. The method of claim 1 wherein the step of providing update complete data includes providing the update complete data to the second processing entity.
 6. ~~The method of claim 1 including the step of determining whether a connection request between the first processing entity and the second processing entity includes a cookie associated with the second processing entity.~~

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7. The method of claim 1 wherein the data includes certificate data and wherein the method also includes determining whether a certificate update should occur for the first processing entity based on whether cookies have been received by the first processing entity from the second and third processing entities.
8. The method of claim 1 further including the step of automatically redirecting communication from the first processing entity and the third processing entity to the first processing entity and the second processing entity based on update confirmation data.
9. The method of claim 1 wherein the step of automatically redirecting communication from the first processing entity further includes the step of sending, by the second processing entity, a uniform resource locator of the third processing entity, to the first processing entity in response to the second processing entity detecting the need to update data for the first processing entity.
10. The method of claim 9 including the steps of:
 sending, by the third processing entity, update instructions to the first processing entity and a request for confirmation of completion of an update;
 sending, by the first processing entity, update confirmation data to the third processing entity in response to receiving the request for confirmation of completion of an update.
11. The method of claim 1 wherein the step of providing update complete data under control of the third processing entity includes sending a redirect command back to the first processing entity, by the third processing entity, to direct the update complete data to the second processing entity, and wherein the method further includes the step of sending, in response to the update complete data, a cookie



from the second processing entity to the first processing entity to confirm acceptance of the update.

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12. A method for updating data for a first processing entity, for detection by at least a second processing entity comprising the steps of:

receiving an automatically redirected communication from a first processing entity and a second processing entity, redirected from a first processing entity and a third processing entity, under control of the second processing entity, in response to a detection of a need to update data for the first processing entity; and

providing update complete data, under control of the third processing entity, for the second processing entity.

13. The method of claim 12 including the steps of:

sending, by the third processing entity, update instructions to the first processing entity and a request for confirmation of completion of an update;

sending, by the first processing entity, update confirmation data to the third processing entity in response to receiving the request for confirmation of completion of an update.

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14. A method for updating certificates for use by a web browser, for detection by at least a web server comprising the steps of:
- 5 detecting a need to update web certificate data for the web browser, based on a communication with the web server;
- automatically redirecting, communication from the web browser and the web server, to the web browser and a processing entity, under control of the web server, in response to detecting the need to update data, by the web server sending a universal resource locator associated with the processing entity to the web browser; and
- 10 providing web certificate update complete data, under control of the processing entity, for the web server.

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15. The method of claim 10 including the step of providing updated web certificate data for the web browser, by the processing entity in response to the redirected communication..
16. The method of claim 10 including the step of providing web certificate update confirmation data from the web browser to the processing entity.
- 20 17. The method of claim 10 wherein the step of providing web certificate update complete data includes providing the certificate update complete data for the web server, by way of [through] the web browser.
- 25 18. The method of claim 10 including the step of determining whether a connection request between the web browser and the web server includes a cookie associated with the web server.
- 30 19. The method of claim 10 including determining whether a certificate update should occur for the web browser based on whether cookies have been received by the web browser from the web server and third processing entity.

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The method of claim 10 further including the step of automatically redirecting communication from the web browser and the processing entity to the web browser and the web server based on update confirmation data.

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The method of claim 14 including the steps of:

sending, by the processing entity, update instructions to the web browser and a request for confirmation of completion of an update;

sending, by the web browser, update confirmation data to the processing entity in response to receiving the request for confirmation of completion of an update.

22.

The method of claim 14 wherein the step of providing web certificate update complete data under control of the processing entity includes sending a redirect command back to the web browser, by the processing entity, to direct the update complete data to the web server, and wherein the method further includes the step of sending, in response to the update complete data, a cookie from the web server to the web browser to confirm acceptance of the web certificate update.

23. A web certificate system comprising:
a web browser operative to request a connection with a web server;
the web server, operative to detect a need to update web certificate data
based on the request for connection from the web browser wherein the web
browser automatically redirects communication from the web browser and the
web server, to the web browser and a web certificate update controller in response
to detecting the need to update data, by the web server sending a universal
resource locator associated with the web certificate update controller; and
the web certificate update controller, in operative communication with the
web browser, that provides web certificate update complete data for the web
server.

24. The system of claim 23 wherein the web certificate update controller provides
updated web certificate data for the web browser in response to the redirected
communication.

25. The system of claim 23 wherein the web browser provides web certificate update
confirmation data to the web certificate update controller.

26. The system of claim 23 wherein the web certificate update controller provides
web certificate update complete data by way of the web browser.

27. The system of claim 23 wherein the web server determines whether a certificate
update should occur for the web browser based on whether cookies have been
received by the web browser from the web server and the software update
controller.